

IN THE CLAIMS:

- Claim 1 (currently amended) A method for producing individual folded labels from a ribbon of labels, said method comprising the steps of:
- (a) providing a ribbon of labels of a woven, thermoplastic material with at least one folded ~~over~~ portion to result in a folded ribbon;
 - (b) subjecting the folded ribbon to sufficient heat and pressure to set the ~~fold~~ at least one folded portion; and
 - (c) ultrasonically subdividing the ribbon into separate, individual folded labels.
- Claim 2 (original) The method of claim 1, wherein the folded labels are in a centerfold configuration.
- Claim 3 (original) The method of claim 1, further including the step of inserting a device into the folded label.
- Claim 4 (original) The method of claim 3, wherein the device is a radio frequency inventory device.
- Claim 5 (cancelled)
- Claim 6 (currently amended) A label produced by the method of claim ~~5~~ 1, 2, 3 or 4.
- Claim 7 (currently amended) A label-making apparatus comprising:
- (a) a dispenser for a ribbon of labels of a woven, thermoplastic material;
 - (b) a folding station positioned adjacent the dispenser, said folding station providing the ribbon of labels with at least one folded ~~over~~ portion;
 - (c) a press station positioned adjacent said folding station, said press station including a mechanism for linear advance of the ribbon from the dispenser through the folding station and a heated platen movably disposed above said ribbon for providing pressure and heat to the ribbon; and

- (c) a cutting station position adjacent the press station and in communication therewith, said cutting station including ultrasonic means for subdividing ~~an individual label from~~ said ribbon into at least one separate, individual label.

Claim 8 (original) The apparatus of claim 7, wherein the mechanism for linear advance is a conveyor.

Claim 9 (original) The apparatus of claim 7, further comprising a drive wheel positioned between the press station and the cutting station.

Claim 10 (new) A method for producing individual folded labels from a ribbon of labels, said method comprising:

- (a) providing a ribbon of labels with at least one folded over portion to result in a folded ribbon;
- (b) subjecting the folded ribbon to sufficient heat and pressure during a continuous, uninterrupted advance, to set the fold; and
- (c) subdividing the ribbon into individual folded labels having cut edges, wherein the cut edges are sealed and bonded together.

Claim 11 (new) The method of claim 10, wherein the folded labels are in a centerfold configuration.

Claim 12 (new) The method of claim 10, wherein the folded labels are in an end fold configuration.

Claim 13 (new) The method of claim 10, wherein the folded labels are in a Manhattan fold configuration.

Claim 14 (new) The method of claim 10, further including the step of inserting a device into the folded labels.

Claim 15 (new) The method of claim 10, further including the step of inserting a laminate into the folded labels.

- Claim 16 (new) The method of claim 14, wherein the device is part of a web or laminate.
- Claim 17 (new) The method of claim 14, wherein the device is a radio frequency device.
- Claim 18 (new) The method of claim 14, wherein the device is an anti-theft device.
- Claim 19 (new) A label produced by the method of claim 10, 11, 12, 13, 14, 15, 16 or 17.
- Claim 20 (new) A label-making apparatus comprising:
- (a) a dispenser for a ribbon of labels;
 - (b) a folding station positioned adjacent the dispenser, said folding station providing the ribbon of labels with at least one folded over portion;
 - (c) a press station positioned adjacent said folding station, said press station;
 - (d) a mechanism for continuous, uninterrupted advance of the ribbon from the dispenser through the folding station and the press station;
 - (e) a cutting station positioned adjacent the press station, said cutting station including means for subdividing an individual label from said ribbon; and
 - (f) an indexing mechanism positioned between the press station and the cutting station and in communication with a sensor for advancing the ribbon to the cutting station and for providing proper spacing between a cut-edge and a logo on the label.
- Claim 21 (new) The label-making apparatus of claim 20, wherein the mechanism for uninterrupted advance is a conveyor.
- Claim 22 (new) The label-making apparatus of claim 20, wherein the folding station comprises a folding rod.
- Claim 23 (new) The label-making apparatus of claim 20, wherein the dispenser is vertically adjustable.

- Claim 24 (new) The label-making apparatus of claim 20, wherein the mechanism for uninterrupted advance and the indexing mechanism are in communication with the press station.
- Claim 25 (new) A method for producing individual woven labels from a ribbon of labels of a woven, thermoplastic material, said method comprising the steps of:
- (a) providing a ribbon of labels having loom cut edges with at least one folded portion parallel to the loom cut edges of the ribbon; and
 - (b) ultrasonically subdividing the ribbon perpendicular to the loom cut edges to form individual woven labels having at least one folded edge and a plurality of ultrasonically subdivided edges, wherein the at least one folded portion is bonded together along the ultrasonically subdivided edges, said ultrasonically subdivided edges being ultrasonically sealed to form individual folded labels having said plurality of ultrasonically sealed edges and said at least one folded edge.
- Claim 26 (new) The method of claim 25, wherein the loom cut edges are ultrasonically sealed to form individual folded labels with three ultrasonically sealed edges and one folded edge.
- Claim 27 (new) The method of claim 25, wherein the folded labels are in a centerfold configuration.
- Claim 28 (new) The method of claim 25, wherein the folded labels are in an end fold configuration.
- Claim 29 (previously presented) The method of claim 25, wherein the folded labels are in a Manhattan fold configuration.
- Claim 30 (new) The method of claim 25, further comprising the step of applying a device into the folded label.
- Claim 31 (new) The method of claim 30, wherein the device is an anti-theft device.

- Claim 32 (new) The method of claim 30, wherein the device is a radio frequency device.
- Claim 33 (new) A label produced by the method of claim 25, 26, 27, 28, 29, 30, 31 or 32.
- Claim 34 (new) A label formed from a ribbon of woven, thermoplastic material, comprising:
loom cut edges and two sides perpendicular to the loom cut edges; and
at least one folded over portion orientated parallel to the loom cut edges, wherein
said at least one folded portion is ultrasonically bonded together along the two sides.
- Claim 35 (new) The label of claim 34, wherein the folded label has a centerfold configuration,
forming a pocket.
- Claim 36 (new) The label of claim 34, wherein the folded label has an end fold configuration.
- Claim 37 (new) The label of claim 34, wherein the folded label has a Manhattan fold
configuration.
- Claim 38 (new) The label of claim 34, which further comprises a device disposed therein.
- Claim 39 (new) The label of claim 38, wherein the device is an anti-theft device.
- Claim 40 (new) The label of claim 38, wherein the device is a radio frequency device.
- Claim 41 (new) A method for producing individual woven labels from a ribbon of labels
woven from a thermoplastic material, the method comprising the steps of:
- (a) providing a ribbon of labels having edges and at least one folded portion parallel
to the edges of the ribbon; and
 - (b) ultrasonically subdividing the ribbon perpendicular to said ribbon edges to form
separate, individual woven labels having at least one ultrasonically cut edge,
wherein the at least one folded portion is bonded together along the at least one
ultrasonically cut edge.
- Claim 42 (new) A label formed from a ribbon of woven, thermoplastic material having edges,
said label comprising two sides perpendicular to the ribbon edges and at least one
folded portion orientated parallel to the edges of said ribbon, wherein said at least
one folded portion is ultrasonically bonded together along the two sides.

- Claim 43 (new) A label formed from a woven ribbon of thermoplastic material having edges, said label having two sides and at least one portion folded along a folded edge, said folded portion being orientated parallel to the edges of said ribbon, wherein said at least one folded portion is ultrasonically bonded together along the two sides which are perpendicular to said folded edge.
- Claim 44 (new) A label formed of woven thermoplastic material, said label having at least one folded edge, portions of said label being located on either side of the at least one folded edge, wherein said portions are ultrasonically bonded together along an edge perpendicular to the at least one folded edge.
- Claim 45 (new) The label of claim 42, 43 or 44 comprising a device disposed within said label.
- Claim 46 (new) The label of claim 45, wherein the device is a radio frequency device or antitheft device.
- Claim 47 (new) A method for producing individual folded labels from a polyester ribbon of labels, said method comprising:
- (a) providing a ribbon of labels containing a woven logo or text with at least one folded over portion to result in a folded ribbon;
 - (b) subjecting the folded ribbon to sufficient heat and pressure during a continuous, uninterrupted linear advance, to set the fold; and
 - (c) ultrasonically subdividing the ribbon into individual folded labels having cut edges, wherein the cut edges are sealed and bonded together
- Claim 48 (new) The method of claim 47, wherein the folded labels are in a centerfold configuration.
- Claim 49 (new) The method of claim 47, wherein the folded labels are in an end fold configuration.

- Claim 50 (new) The method of claim 47, wherein the folded labels are in a Manhattan fold configuration.
- Claim 51 (new) The method of claim 47, further including the step of inserting a device into the folded label.
- Claim 52 (new) The method of claim 51, wherein the device is part of a web or laminate.
- Claim 53 (new) The method of claim 52, wherein the device is a radio frequency device.
- Claim 54 (new) The method of claim 51, wherein the device is an anti-theft device.
- Claim 55 (new) A label produced by the method of any of claims 47 or 48-54.
- Claim 56 (new) A label making apparatus comprising:
- (a) a dispenser for a ribbon of labels;
 - (b) a folding station positioned adjacent the dispenser, said folding station providing the ribbon of labels with at least one folded over portion;
 - (c) a press station positioned adjacent said folding station, said press station including a heated platen for providing pressure and heat to the ribbon,
 - (d) a mechanism for continuous, uninterrupted linear advance of the ribbon from the dispenser through the folding station and the press station;
 - (e) a cutting station position adjacent the press station, said cutting station including ultrasonic means for subdividing an individual label from said ribbon and a knife time delay;
 - (f) a sensor for controlling a length of ribbon between the press station and the cutting station; and
 - (g) an indexing mechanism positioned between the press station and the cutting station and in communication with a sensor for advancing the ribbon to the cutting station and for providing proper spacing between a cut-edge and a logo on the label.

- Claim 57 (new) The label-making apparatus of claim 56, wherein the mechanism for linear advance is a conveyor.
- Claim 58 (new) The label-making apparatus of claim 56, wherein the knife time delay and the speed of the indexing mechanism are independently adjustable.
- Claim 59 (new) The label-making apparatus of claim 56, wherein the folding station comprises a folding rod.
- Claim 60 (new) The label-making apparatus of claim 56, wherein the dispenser is vertically adjustable.
- Claim 61 (new) The label-making apparatus of claim 56, wherein the press station further comprises a hold-down plate.
- Claim 62 (new) The label-making apparatus of claim 56, wherein the press station further comprises an unheated platen down-stream from said heated platen.
- Claim 63 (new) The label-making apparatus of claim 56, wherein the mechanism for linear advance and the indexing mechanism are in communication with the press station.